

TITLE 326 AIR POLLUTION CONTROL BOARD

FIRST NOTICE OF COMMENT PERIOD

#98-X(APCB)

DEVELOPMENT OF NEW TO RULES CONCERNING STYRENE EMISSIONS FROM REINFORCED PLASTIC COMPOSITES FABRICATING INDUSTRY

PURPOSE OF NOTICE

The Indiana Department of Environmental Management (IDEM) is soliciting public comment on new rules concerning styrene emissions from the reinforced plastic composites fabricating industry. House Enrolled Act 1919 from the 1999 legislative session required the air pollution control board to adopt rules for control of emissions from this industry. IDEM seeks comment on the affected citations listed and any other provisions of Title 326 that may be affected by this rulemaking.

CITATIONS AFFECTED: 326 IAC 20 and 326 IAC 8

AUTHORITY: IC 13-15-2-1; IC 13-17-3-4.

SUBJECT MATTER AND BASIC PURPOSE OF RULEMAKING

Styrene is a colorless, flammable, oily liquid, evaporates quickly, and has a sweet aromatic odor at low concentrations and a strong, penetrating disagreeable odor at high levels. The typical exposure route is through inhalation. Styrene does not occur naturally. Cigarette smoke and automobile exhaust contain small amounts of styrene. Styrene is classified as a hazardous air pollutant and is a highly reactive volatile organic compound. Volatile organic compounds play a significant role in ground level ozone formation. The largest emitters of styrene in Indiana are manufacturers who use resins containing styrene to produce fiber reinforced products, such as boats, recreational vehicles, bathtubs, and shower stalls.

IDEM is working with the industry to reduce styrene emissions from the fiber reinforced plastics industry. Current activities include:

- establishing emission reduction requirements consistent with maximum achievable control technology for all new fiber reinforced plastic sources;
- supporting industry efforts to develop and implement new pollution prevention technologies and emission reduction techniques;
- providing guidance to accurately calculate emissions;
- ensuring compliance through assistance, inspections, and monitoring;
- successfully sharing information with the industry through workshops, fact sheets, web sites, meetings and mailings.

During the 1999 legislative session, House Enrolled Act 1919 was enacted which requires the air pollution control board to adopt rules by December 31, 2000 to establish appropriate standards for control of air pollution from new and existing sources in the reinforced plastics composites fabricating industry. The air pollution control board shall consider all available information when adopting the rules, including available control technology, industry work practices, materials available to the industry, and recommendations by the clean manufacturing

technology institute.

IDEM solicits comments concerning appropriate types of controls or manufacturing techniques, applicable processes, transitional implementation issues, compliance and permitting requirements and whether this rule should be adopted as a volatile organic compound rule or as a hazardous air pollutant rule.

STATUTORY AND REGULATORY REQUIREMENTS

IC 13-14-8-4 requires the board to consider the following factors in promulgating rules:

- (1) All existing physical conditions and the character of the area affected.
- (2) Past, present, and probable future uses of the area, including the character of the uses of surrounding areas.
- (3) Zoning classifications.
- (4) The nature of the existing air quality or existing water quality, as the case may be.
- (5) Technical feasibility, including the quality conditions that could reasonably be achieved through coordinated control of all factors affecting the quality.
- (6) Economic reasonableness of measuring or reducing any particular type of pollution.
- (7) The right of all persons to an environment sufficiently uncontaminated as not to be injurious to human, plant, animal, or aquatic life or to the reasonable enjoyment of life and property.

REQUEST FOR PUBLIC COMMENTS

At this time, IDEM solicits the following:

- (1) The submission of alternative ways to achieve the purpose of the rule.
- (2) The submission of suggestions for the development of draft rule language.

Comments, whether mailed, hand-delivered, or faxed, should be addressed as follows:

#98-XX(APCB) styrene
Janet McCabe
Assistant Commissioner
Office of Air Management
Indiana Department of Environmental Management
P.O. Box 6015
Indianapolis, Indiana 46206-6015.

Hand delivered comments will be accepted by the receptionist on duty at the tenth floor reception desk, Office of Air Management, 100 North Senate Avenue, Indianapolis, Indiana, Monday through Friday between 8:15 a.m. and 4:45 p.m.

Comments may be submitted by facsimile at the IDEM fax number: (317) 233-2342, Monday through Friday between 8:15 a.m. and 4:45 p.m. Please confirm the timely receipt of faxed comments by calling the Rules Development Section at (317) 233-0430.

COMMENT PERIOD DEADLINE

Comments must be postmarked, hand delivered or faxed by July 30, 1999.

Additional information regarding this action may be obtained from Jean Beauchamp, Rules Development Section, Office of Air Management, (317) 232-8424 or (800) 451-6027, press 0 and ask for 2-8424 (in Indiana).

